

AMENDMENTS TO THE CLAIMS

1. (Amended) A refrigerant composition which ~~comprises~~consists essentially of:
 - (a) pentafluoroethane, ~~trifluoromethoxydifluoromethane or hexafluorocyclopropane, or a mixture of two or more thereof~~, in an amount of ~~at least 75%~~ from 83 to 88% based on the weight of the composition,
 - (b) 1,1,1,2 ~~or 1,1,2,2~~-tetrafluoroethane, trifluoromethoxypentafluoroethane, ~~1,1,1,2,3,3-heptafluoropropane or a mixture of two or more thereof~~, in an amount of ~~from 5 to 24%~~ 7.5 to 15% by weight based on the weight of the composition, and
 - (c) isobutane ~~an ethylenically unsaturated or saturated hydrocarbon, optionally containing one or more oxygen atoms, with a boiling point from -50 °C to +35°C, or a mixture thereof~~ in an amount from 1% to 4% by weight based on the weight of the composition. ~~the weight ratio of component (a): component (b) being at least 3:1.~~
2. (Original) A composition according to claim 1 in which component (c) is present in an amount from 3 to 4% by weight based on the weight of the composition.
3. (Original) A composition according to claim 2 in which component (c) is present in an amount of about 3.5% by weight based on the weight of the composition.
4. (canceled).
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21. (canceled).
22. (Amended) The process for producing refrigeration which comprises condensing a composition as claimed in any one of Claims 1 to 3 ~~20~~ and thereafter evaporating the composition in the vicinity of a body to be cooled.
23. (Amended) A refrigeration apparatus containing, as refrigerant, a composition as claimed in any one of Claims 1 to 3 ~~20~~.
24. (New) The composition according to Claim 1, wherein the component (a) is about 85% by weight.
25. (New) The composition according to Claim 1, wherein the component (b) is from about 10-15% by weight.
26. (New) The composition according to Claim 1, wherein the isobutane is present in an amount of 3.5% by weight, the pentafluoroethane is present in an amount of about 85% by weight, and the 1,1,1,2 tetrafluoroethane is present in an amount of about 11.5% by weight.

27. (New) A refrigerant composition which consisting essentially of:
- (a) pentafluoroethane, in an amount of from 83 to 88% based on the weight of the composition,
 - (b) 1,1,1,2 in an amount of from 7.5 to 15% by weight based on the weight of the composition,
 - (c) isobutane in an amount from 1% to 4% by weight based on the weight of the composition, and
 - (d) a hydrofluorocarbon in an amount not exceeding 5% by weight.
28. (New) A refrigerant composition which consisting of:
- (a) pentafluoroethane, in an amount of from 83 to 88% based on the weight of the composition,
 - (b) 1,1,1,2 in an amount of from 7.5 to 15% by weight based on the weight of the composition,
 - (c) isobutane in an amount from 1% to 4% by weight based on the weight of the composition, and
 - (d) an additional component selected from the group consisting of a lubricant, an additive and mixtures thereof.
29. (New) The refrigerant composition according to Claim 28, where in the lubricant is further selected from the group consisting of mineral oils, alkylbenzene lubricants, synthetic lubricants, and fluorinated oils and mixtures thereof; and
an additive is selected from the group consisting of selected from the group consisting of extreme pressure, antiwear improvers, oxidation inhibitors, thermal stability improvers, corrosion inhibitors improvers, viscosity index improvers, pour point depressants, detergents, anti-foaming agents, and viscosity adjusters.

30. (New) A refrigerant composition which consisting essentially of:
- (a) pentafluoroethane, in an amount of from 83 to 88% based on the weight of the composition,
 - (b) 1,1,1,2 in an amount of from 7.5 to 15% by weight based on the weight of the composition,
 - (c) isobutane in an amount from 1% to 4% by weight based on the weight of the composition,
 - (d) a hydrofluorocarbon in an amount not exceeding 5% by weight; and
 - (e) an additional component selected from the group consisting of a lubricant, an additive and mixtures thereof.
31. (New) The refrigerant composition according to Claim 30 where in the lubricant is further selected from the group consisting of mineral oils, alkylbenzene lubricants, synthetic lubricants, and fluorinated oils and mixtures thereof; and an additive is selected from the group consisting of selected from the group consisting of extreme pressure, antiwear improvers, oxidation inhibitors, thermal stability improvers, corrosion inhibitors improvers, viscosity index improvers, pour point depressants, detergents, anti-foaming agents, and viscosity adjusters.
32. (New) The refrigerant composition according to Claim 27, wherein the hydrofluorocarbon is selected from the group consisting of trifluoromethane, difluoromethane and mixtures thereof.
33. (New) The refrigerant composition according to Claim 30, wherein the hydrofluorocarbon is selected from the group consisting of trifluoromethane, difluoromethane and mixtures thereof.